State of Utah

OLENE S. WALKER
Governor

GAYLE McKEACHNIE
Lieutenant Governor

Administrative Services
S. CAMILLE ANTHONY
Executive Director

Purchasing and General Services
DOUGLAS RICHINS
Division Director

January 12, 2005

***** ADDENDUM *** ADDENDUM *** ADDENDUM *****

SOLICITATION: **JG5027**
DUE DATE: **January 26, 2005**
TIME: **3:00PM**
DESCRIPTION: **Request for Proposals for Business Process Analysis and Database Development**

ADDENDUM #3

The following are to be added or changed to the specifications for this bid:

1. Please see the following documents: Questions and Answers from pre-bid, Software Standards, Hardware Standards, Pre-Bid Handout 1, and Pre-Bid Handout 2.

   Also please see the following URL's for the PowerPoint presentation from the pre-bid and a Word version of the cost sheet.

   http://www.purchasing.utah.gov/jg5027/rfpoverview.ppt
   http://www.purchasing.utah.gov/jg5027/costproposalform.doc

2. The due date and time remain unchanged; January 26, 2005 at 3:00 p.m.

3. With procurement, process questions contact Jared Gardner (801) 538-3342.

***************************END OF ADDENDUM***************************

To acknowledge receipt of addendum, include a copy of this addendum with bid submittal or give written acknowledgement with the bid. It shall be the responsibility of the bidder to appropriately disseminate this information to all concerned prior to the assigned bid time.

_____ _____ _____

Company Name Signature Date

January 11, 2005

Bid number JG5027

RFP Pre-Bid meeting Questions.

This document contains official DEQ/DAQ responses to the 47 questions submitted to DAQ during and following the pre-bid meeting held on Tuesday January 4, 2005. Questions were taken from official question forms submitted during the meeting, from the meeting transcript, and email. Additional questions will be accepted until January 13, 2005 at 5:00 pm.

1) Question: *Can DAQ provide cost spreadsheets in electronic format with addendum to facilitate consistent, clear, and complete cost proposals?*

DAQ Response: The cost spreadsheets were included in the RFP to illustrate the expected cost proposal presentation format. We expect that most vendors will use specialized software to create their cost proposals. It will behoove vendors to reproduce the cost proposal spreadsheets contained in the RFP as closely as possible. A word document of the RFP spreadsheet will be made available.

2) Question: *An extension of at least 1 more week after receiving the addendum on January 17 would be helpful.*

DAQ Response: No extensions will be granted. The due date will remain January 26, 2005. All vendor questions must be submitted by January 13, 2005 at 5:00pm to the following address: rsprott@utah.gov.

3) Question: *Will any special consideration be given to small woman-owned and/or 8a companies?*

DAQ Response: No special considerations.

4) Question: *In the "detailed proposal" section you ask for hours and rates of each "employee". What level of detail are you looking for? If there are tasks (like actual database coding once a spec has been written) that can be performed equally well by a qualified class of person, can we list hours for the class rather than individuals? We would list specifics for "key" people.*

DAQ Response: The short answer is yes; routine functions can be listed by class. However, we would like to see the key personnel who will be responsible for significant tasks or elements broken out by name. The purpose of the breakout is to provide the reviewer with information about exactly who is doing the work, the qualifications and experience of those actually doing the work, how much time the contractor expects to spend completing various elements, and a concise format for making cost comparisons between proposals.

5) Question: *Section 6 of the proposal request indicates that the software should become the property of UDAQ. Is this a requirement or is it something that will not be included in the scoring. Also, will the software become shareware as federal funds will be used? If the access to source code will be part of scoring, how many points will be given to full access as opposed to no access.*

DAQ Response: This requirement is not subject to commercial, shrink-wrapped, off the shelf software. It is only applicable to software that is written as a result of the contract. Any code developed during this project will become the property of the Utah Department of Environmental Quality. The source code will be made available to UDEQ and the possibility exists that it could be shared with other state agencies, either within Utah or outside Utah. This is a requirement of the contract that will be in place before the work can begin. It will be considered in the evaluation (scoring) of the RFP responses, but only as part of criteria 1 and 3.

6) Question: *How much weight is given to Air Quality expertise in evaluation?*

DAQ Response: Section 8.0 and Table 8-1 provide proposal evaluation and scoring criteria. All experience with Environmental agencies is desirable and valuable. Assuming all other factors are equal, experience with Air Quality agencies is most valuable.

7) Question: *Do you have a work group in-place in DAQ/DEQ IT to guide project implementation?*

DAQ Response: Yes. Management and staff level employees are represented in the work group. Additionally, a new IT manager is currently being recruited to assume the role of the DAQ project manager for this project.

8) Question: *Who is the DEQ project manager?*

DAQ Response: An IT manager is currently being recruited to assume the role of the DAQ project manager for this project.

9) Question: *Can you provide more information (requirements, standards, design documents) for the cross-media department data system.*

DAQ Response: At present, a cross-media department data system does not exist. The system designed for this RFP should be open and flexible, such that, it would be capable of interfacing with a cross-media department system. The following power point presentation provides some details of anticipated Department level cross-media requirements and standards: http://www.airquality.utah.gov/crossmedia/EPHTP_NEIEN_Presentations.ppt

In terms of the document management system, there is no available documentation at this point. Over the next 2 months the document management consultant (DataImage - Dan Dillingham, 3752 West 2270 South , Suite B, Salt Lake City, Utah 84120 801.977.0066) will visit each Division and office and assist in the conceptual design and preparation of an RFP for the data system.

10) Question: *How many references do contractors need to submit?*

DAQ Response: There is not a required number of references/recommendations. Proposals are limited to 50 pages not including company resumes and cost proposal tables (Section 7.0). Pertinent references should be included that support Table 8-1 evaluation criteria.

11) Question: *What is the current directory server?*

DAQ Response: DEQ utilizes the State of Utah standards of NetWare for Directory Services.

12) Question: *Is there a need to provide integrated authentication for employee & staff for the web interface?*

DAQ Response: Integrated authentication to the web interface has not been determined. Respondents to the RFP could propose possible integrated authentication solutions.

13) Question: *None of the work elements for Phase B explicitly require test and verification of the data system. How will data system test and verification/validation be accomplished? Will that be done by the contractor or by UDAQ staff or jointly?*

DAQ Response: The RFP was brief on what we expected for testing and validation. Section 3.5 Phase B, paragraph 3 mentions a little about a feedback and approval process for the data model, however, there is nothing about the testing of the final system. To this end we are adding a work element B5: System Testing and Validation

To ensure that the data system meets the required objectives and operates accurately and efficiently, it will need to be subjected to iterative testing procedures. These tests will need to include checks to ensure the system requirements have been met, evaluations of system volume limits, and evaluations of usability/acceptability by staff, verification of system security, and verification of system recovery.

Work Element B5: *System Testing and Validation*

Task 1: Draft a system testing protocol.
Task 2: Develop a beta test environment using control data.
Task 3: Identify contractor and UDAQ staff for functional testing.
Task 4: Develop a procedure for logging and addressing system failures.
Task 5: Address methods for resolving system problems post delivery.

14) Question: *Please specify current versions of following software.*

DAQ Response: Oracle 10g, Visio 2003, Macromedia Studio MX, ESRI 9.0, Internet Explorer 6

15) Question: *DEQ notes several challenges regarding redundant data, missing data,* etc. *that will impact the data conversion approach. Is DEQ open to a collaborative approach to data conversion whereby they will work with the selected consultant/vendor to convert necessary data into the new*

system? For example, it would be effective for DEQ staff to unload data from existing systems into flat files as they best understand existing data, and then have the consultant/vendor load data into the new system. We would expect to discuss and finalize the data conversion approach and responsibilities during Phase A.

DAQ Response: DAQ is open to a collaborative approach in the data conversion process. We expect the vendor to outline a data conversion plan in Phase A and jointly define responsibilities with DAQ.

16) Question: *While the RFP mentions Apache as the Web server used by DEQ, no mention is made of Apache in the DEQ "Approved Software List" provided at the bidder's conference. Is Apache the only option allowed by DEQ, or would a Microsoft IIS-based solution also be acceptable to DEQ?*

DAQ Response: Apache is not the only Web server option. DEQ/DAQ is open to other Web server options. DEQ prefers a non-Microsoft IIS-based solution, however, Microsoft IIS solutions will be considered.

17) Question: *While it appears that most, if not all, integration with ESRI GIS data would occur in Phases C or D, one reference is made in Work Element B2, Task 7 to Web based mapping of prescribed burns. Can DEQ clarify GIS integration needs within Phases A and B of the project?*

DAQ Response: GIS integration work is limited to Phases C and D. Work Element B2, Task 7 refers to simple lightweight (ie. HTML, SVG, Flash, etc) Web based mapping/display of a small number (5-15) of daily prescribed burns and existing burn point locations. This product would be used by land managers and air quality managers to quickly view burn locations and burn size.

18) Question: *Sections 2.4 and 3.5 refer to DEQ's recently developed goals and standards for a cross-media data system. Can DEQ provide a copy of these standards?*

DAQ Response: Please see http://www.airquality.utah.gov/crossmedia/EPHTP_NEIEN_Presentations.ppt

19) Question: *Can DEQ provide a 1 - 2 sentence overview of each of the work elements in Phases C and D? A more thorough understanding of DEQ's goals in each of these areas will allow us to provide more accurate cost estimates for budget purposes.*

DAQ Response:

Work Element C1: Reference Library for Rules, Policies, Applicability.

- Updateable library of rules and policies. Rule and policy text available for cut and paste permit writing.

Work Element C2: Web interface for source submission of simple (generic) NOIs.

- NOI (Notice of Intent). For non-complex NOIs. Allow customers to submit NOI information electronically.

Work Element C3: Mapping capability: source location, emissions, permits.

- Web mapping of source related data for Utah.

Work Element C4: Graphical display of air quality monitoring data on web.

Work Element D1: Automated NSR permit writing capability.

- Method for computer generated permit writing.

Work Element D2: Download inspection data to and from PDA into database.

- Mobile computing. Inspection data entered into PDA and downloaded to central database.

Work Element D3: Web interface for source submission of complex (non-generic) NOIs.

Work Element D4: Database integration of mobile source modeling and emissions.

- Mobile source (automobiles) emissions. Integration of mobile source inventory into central database.

Work Element D5: Resource Development Plan review and tracking.

20) Question: *Oracle Corporation has qualified partners by level of expertise and performance, the highest designation being Oracle Certified Advantage Partner. How will the state value such achievements by bid responders?*

DAQ Response: Such qualifications will be part of the technical expertise area of Criteria 3 in Table 8-1 of the RFP.

21) Question: *Oracle Corporation has established a certification program for individuals to qualify their expertise through all experience, training and exam process. How will the state value individual certifications such as Oracle Certified Professionals (OCP)?*

DAQ Response: Such qualifications will be part of the technical expertise area of Criteria 3 in Table 8-1 of the RFP.

22) Question: *What requirement will there be for Oracle authorized and developed training? Mentoring? How will the state value the designation of an Oracle Approved Education Center Partner (OAEC) from a bid responder?*

DAQ Response: There is no requirement. Such qualifications will be part of the technical expertise area of Criteria 3 in Table 8-1 of the RFP.

23) Question: *With regards to B1 Task 1 and other tasks with similar wording: What type of data will need to be stored for "engineering, peer engineer, modeling reviews", and "communications? I.E., just a list of specific meetings/personnel? Or also content of these things that occur? Or just a "contact list"?*

DAQ Response: The data needed is as follows:

Engineer: Name of engineer assigned to the project.
Peer Engineer: Name of peer engineer assigned to the project.
Modeling Review:
- Is modeling required? (y/n box).
- Name of modeler assigned.
- Modeler recommendation? (y/n box).

Communications: Not needed.

24) Question: *What type of "staff hours" data will be stored? Will the data be downloaded from or uploaded to other databases? Will these hours be used for billing?*

DAQ Response: Staff hours data does not need to be collected and stored. No download or upload to any other database is required.

25) Question: *Does the Content Management System have the functional requirement to be open to other systems.*

DAQ Response: Yes, the electronic content management system will be required to save the content images as native TIFF/PDF or multiple formats without adding proprietary wrappers around the images so that they may be accessed by other systems. An expected requirement for the enterprise database is to be open standard ODBC to facilitate capture of data into the electronic content management system.

26) Question: *Does DAQ have annual inventory forms on-line?*

DAQ Response: Yes. http://www.airquality.utah.gov/Inventory/Forms_List.htm

27) Question: *Does DEQ plan on changing Oracle versions?*

DAQ Response: No immediate plans to change. Versions of all software will change as appropriate.

28) Question: *Does DEQ have a department standard for development tools?*

DAQ Response: No.

29) Question: *Does DEQ have a department standard for data modeling tools?*

DAQ Response: No.

30) Question: *How much staff support (FTEs) does DAQ expect to contribute?*

DAQ Response: DAQ will have a full-time IT project manager for this project. DAQ expects to contribute significant time to this project.

31) Question: *Will Department/Division standards change with the new administration?*

DAQ Response: There is no indication that standards will change.

32) Question: *Please elaborate on staff time and staff hours should be integrated into the system.*

DAQ Response: See question 24.

33) Question: *How many tables/fields do our 60-70 databases represent?*

DAQ Response: The actual number of databases/tables/etc that will need to be reworked is subject to the outcome of phase one. However, there are about a dozen that are core to most of the other database. These databases will likely need to be altered (depending on the outcome of phase one). The largest of these databases include: 178 tables, 241 queries, 133 forms, 98 reports, 29 macros, 90+ fields, 4000 records.

34) Question: *To what extent do we envision the use of "mobile" computing?*

DAQ Response: Little or none in Phase A and B.

35) Question: *Where does the work for Phase A and B need to be completed? Will office and work stations be provided?*

DAQ Response: It is expected that significant time will be spent at DAQ during Phase A. DAQ expects that much of Phase B will be completed off-site with on-site visits scheduled as needed. DAQ does not plan on providing work stations.

36) Question: *Does DAQ envision a "sign-off" procedure for deliverables?*

DAQ Response: DAQ is open to this idea and we will pursue a "sign-off" procedure during the contract formulation. Also see response to related Question 13.

37) Question: *Are there matching federal funds available?*

DAQ Response: No.

39) Question: *Must all staff be listed on the cost proposal sheet?*

DAQ Response: DAQ wants to see who is doing the work, their qualifications, experience and rates. If there are a group of equally qualified staff members within your company (not including contracted employees) then it may be adequate to group them. More detail on who is doing the work is better than less detail and could impact scoring.

40) Question: *What levels of system users does DAQ envisions?*

DAQ Response: At this point, pending suggestion and outcome of Phase A, we expect 3-4 levels of security:

Admin: Total access/rights.
User: Moderately limited access/rights (includes managers and staff).
Guest: Very limited access/rights (for read only situations).

41) Question: *What type of staff training is expected in A3? Is "train the trainer" adequate?*

DAQ Response: This is an important element of the project. Some level of "train the trainer" can be used, but a robust training effort is expected.

42) Question: *Do we have a need to communicate data to federal agencies?*

DAQ Response: Yes, standard permitting, inventory, and compliance data to the AIRS Facility Subsystem (AFS).

43) Question: *Should a change management plan be detailed in the proposal?*

DAQ Response: Details should be provided appropriate to task scope and proposal page count limits.

44) Question: *Will the cost estimates for Phase C/D be included in the cost evaluation of this proposal?*

DAQ Response: They will not be part of Criteria 6 in Table 8-1 of the RFP. They will be considered in the scoring of Criteria 1, 3, and 4.

45) Question: *How much weight is given to Air Quality expertise in evaluation.*

DAQ Response: Air quality directly related project expertise and experience will contribute to the scores in Criteria 2, 3, 4, and 5 in Table 8-1 of the RFP.

46) Question: *In the RFP, you seemed to describe a solution that would need to be flexible to UDAQ's particular business process. Do you anticipate an "off-the-shelf" product satisfying this need?*

DAQ Response: No.

47) Question: *Several aspects of the RFP indicate that experience and expertise working with Federal agencies, along with State agencies, would be given preference; however, criteria 3, 4, and 5 specify only "State." Please clarify how other than experience working with states would be considered in these criteria.*

DAQ Response: The most applicable experience is with State air quality regulatory agencies. However, related experience with non-State and/or non-regulatory entities could be valuable in this project and will certainly be considered.

Utah Department of Environmental Quality
Approved Software List

The following is a list and brief description of the current standards for approved and supported software applications acceptable for use at the Utah Department of Environmental Quality (DEQ). All employees given access to the DEQ local area network will be given access to the applications and software tools that are required to perform their job.

All DEQ employees are required to comply with computer software licensing agreements and applicable state and federal laws, including copyright and patent laws. State rule R365-3 – computer software licensing, copyright, control and transfer – applies to all state agencies and state employees. R365-3 specifies that an employee who does not comply with the rule may be subject to disciplinary action, including dismissal.

All DEQ employees are required to comply with the State of Utah Acceptable Use Policy that governs employee use of state-owned IT resources. This policy also applies to state-owned computers used for employee telecommuting.

The acceptable use policy can be located at:
http://cio.utah.gov/policiesstandards/approved_docs/acceptableusepolicy.htm

I. DESKTOP/LAPTOP/TABLET OPERATING SYSTEMS

Microsoft Windows **Current Version: Set by IT Director**

Desktop operating system and interface to the applications. DEQ will use the current industry Windows standard operating system (some lag time behind new releases will occur as instructed by IT Director). Existing DEQ Computers will not be upgraded to newer Operating Systems, but will be phased out through hardware replacement.

II. STANDARD APPLICATIONS

(Will be available through the DEQ application launcher)

Microsoft Office Suite **Current Version: As per IT Director**

Integrated word-processing (WORD), spread sheeting (EXCEL) and presentation graphics software (POWERPOINT) that will be installed to every DEQ computer (with license) for basic office automation productivity. State policy has established that any document exchanged between state agencies will be in Word format.

Corel WordPerfect **Current Version: 8.x**

Corel WordPerfect is in use within DEQ for those employees who are required to interface with other agencies/individuals who use WordPerfect. No creation of documents is allowed using this application. Future releases of this word processor will not be installed on the DEQ network nor is the application under support or maintenance agreements.

Novell GroupWise **Current Version: As per IT Director**

Office automation "E-MAIL" tool whose main purpose is to allow you to send and receive correspondence with other E-mail users. This product also maintains electronic calendars, schedule appointments with others, manage resources and share documents in common shared folders. This product will allow you to manage your daily tasks, notes, and phone messages or those of others.

Internet Explorer **Current Version: As per IT Director**

Predominate browser currently in use for Internet access.

Adobe Acrobat **Current Version: As per IT Director**

Industry standard software for reading and printing documents created in Adobe Portable Document Format (PDF). All employees will have the Reader made available to them. Only those employees with a business need will have the Pro version made available.

Quicktime/Realplayer **Current Version: As per IT Director**

Industry standard media play and display software to be used for business purposes only. This software is not to be used for non-work related activities. Cannot be used for streaming audio or video due to impact on bandwidth. The downloading of non-work related music files or creation of music CDs is restricted.

WinZip **Current Version: As per IT Director**

Shareware utility software used for file compression and decompression. Used when sending and receiving large files within and outside of the department.

ETrust **Current Version: As per IT Director**

Antivirus software to be installed on EVERY Department owned computer (desktop, laptop, tablet, etc.). This is used for detection and eradication of viruses, worms, and other 'misbehaving' software. DEQ also has licensed copies for PDA's if an employee requests it.

III. AS REQUIRED APPLICATIONS

Microsoft Access **Current Version: 97/2000**

Desktop based database development and reporting tool. Microsoft Access is not authorized for the development of enterprise level databases at DEQ. Access is to be used for the development of function specific, limited-use data bases that do not require cross-section, cross-division or inter-departmental sharing of information and will not require Internet access to the information.

Microsoft Project **Current Version: As per IT Director**

Automated project management tool to plan and manage projects. Will help to efficiently organize and track tasks and resources to keep projects on time and within budget.

Microsoft Visio **Current Version: As per IT Director**

Visio is diagramming software that can help you create business and technical diagrams that document and organize complex ideas, processes, and systems. These diagrams enable you to visualize and communicate information clearly, concisely, and effectively in ways that text and numbers cannot. Visio also automates data visualization by synchronizing directly with data sources to provide up-to-date diagrams, and it can be customized to meet the needs of your organization.

IV. IN-HOUSE APPLICATIONS

DP-1	**Current Version:**	**As per IT Director**
Travel	**Current Version:**	**As per IT Director**
Timesheets	**Current Version:**	**As per IT Director**
Mailing Lists	**Current Version:**	**As per IT Director**
Other Applications (as developed)	**Current Version:**	**As per IT Director**

V. ENTERPRISE LEVEL SOFTWARE

Databases

Oracle **Current Version:** **As per IT Director**

Enterprise level relational database management system. Supports the most recently developed administrative, financial and administrative applications used at DEQ. All future enterprise level applications will be developed on the Oracle platform. All enterprise databases will have Oracle as the supported database

Sybase **Current Version:** **As per IT Director**

Enterprise level relational database management system. Will be phased-out as applications are migrated to the Oracle platform.

Application Development Tools

Sybase Development Suite	**Current Version:**	**As per IT Director**
JSP	**Current Version:**	**Use with permission of IT Director**

Middleware Services

EAServer	**Current Version:**	**As per IT Director**

Middleware that perform information linking and retrieval functions in a multi-tiered environment. Used at DEQ to link databases with web-enabled applications.

VI. WEB ADMINISTRATION/WEB CONTENT MGT TOOLS

Dreamweaver/Fireworks	**Current Version:**	**As per IT Director**
Adobe Suite	**Current Version:**	**As per IT Director**
Photoshop	**Current Version:**	**As per IT Director**

VII. GIS/MAPPING SOFTWARE

ESRI Product Line	**Current Version:**	**As per IT Director**

VIII. STATE PROVIDED SOFTWARE

DEQ supports software and applications required by other state agencies for normal business activities within the state of Utah. Examples: FINET, HR Enterprise

IX. PROGRAMMATIC SPECIFIC and UNIQUE SOFTWARE

It may be necessary to install unique, non-standard software or application/databases to meet specific environmental program needs. This software will generally be in one of three categories:

1) Application/databases developed by USEPA or their contractors to assist programs in managing data and reporting to USEPA.
   Examples are Storet and SDWIS.
2) Application/databases developed by USEPA, NRC, DOE or their contractors to assist programs in evaluation and interpretation of the data.
   Examples are LUST/UST or UDAIT.
3) Finally, software that performs specific scientific or engineering functions such as modeling.
   Example of this would be the 'Urban Airshed Model'.

In all cases applications/software from any source, for any purpose should not be downloaded or installed without prior review and approval from the appropriate EIMI Committee/s/ and the DEQ IT Director.

Software, applications and/or databases which fall into categories one or two must be approved through the regular EIMI processes for the approval and development of new software / applications / databases. This process should be completed prior to the development of the software or enhancements to existing software / applications / databases.

When the obtained software falls into category three and is not purchased by DEQ contact the technical support person who supports the division. Technical support will evaluate the software for its compatibility with the DEQ networks, its conformance with DEQ and State standards, duplication of existing software, and functionality of software. The technical support person will make recommendations to the DEQ IT Director who can authorize the installation of the software.

When the software is to be purchased by DEQ, it will follow the Department DP-1 system with all associated approvals.

No software or applications will be loaded on any DEQ computer without proper authority or legal licensing.

Software that has been installed or downloaded without proper technical and management approval will be uninstalled. Violations of DEQ and state policy will be referred to management for possible disciplinary action.

Utah DEQ

Minimum Hardware Standards

Desktop Computer:

HP/Compaq Brand Desktop
Current MS Windows OS
Current WSCA Standard Processor
512 Megs RAM
CDRW/DVD Drive
Front and Rear USB Ports
3 ½ Floppy
Current Industry standard HD
10/100BaseT NIC

Notebook, Laptop, Tablet PC's:

HP/Compaq, Toshiba, Acer or Equivalent Brand
Current MS Windows OS
Current WSCA Standard Processor
512 Megs RAM
CDRW/DVD drive
Current Industry Standard HD
USB ports
32 bit CardBus Slot
56Kb Modem
10/100BaseT NIC

Handheld PC (PDA's):

HP/Compaq or Equivalent Brand
Current WSCA Standard Processor
Current MS Windows Mobile OS
64 Meg. SDRAM

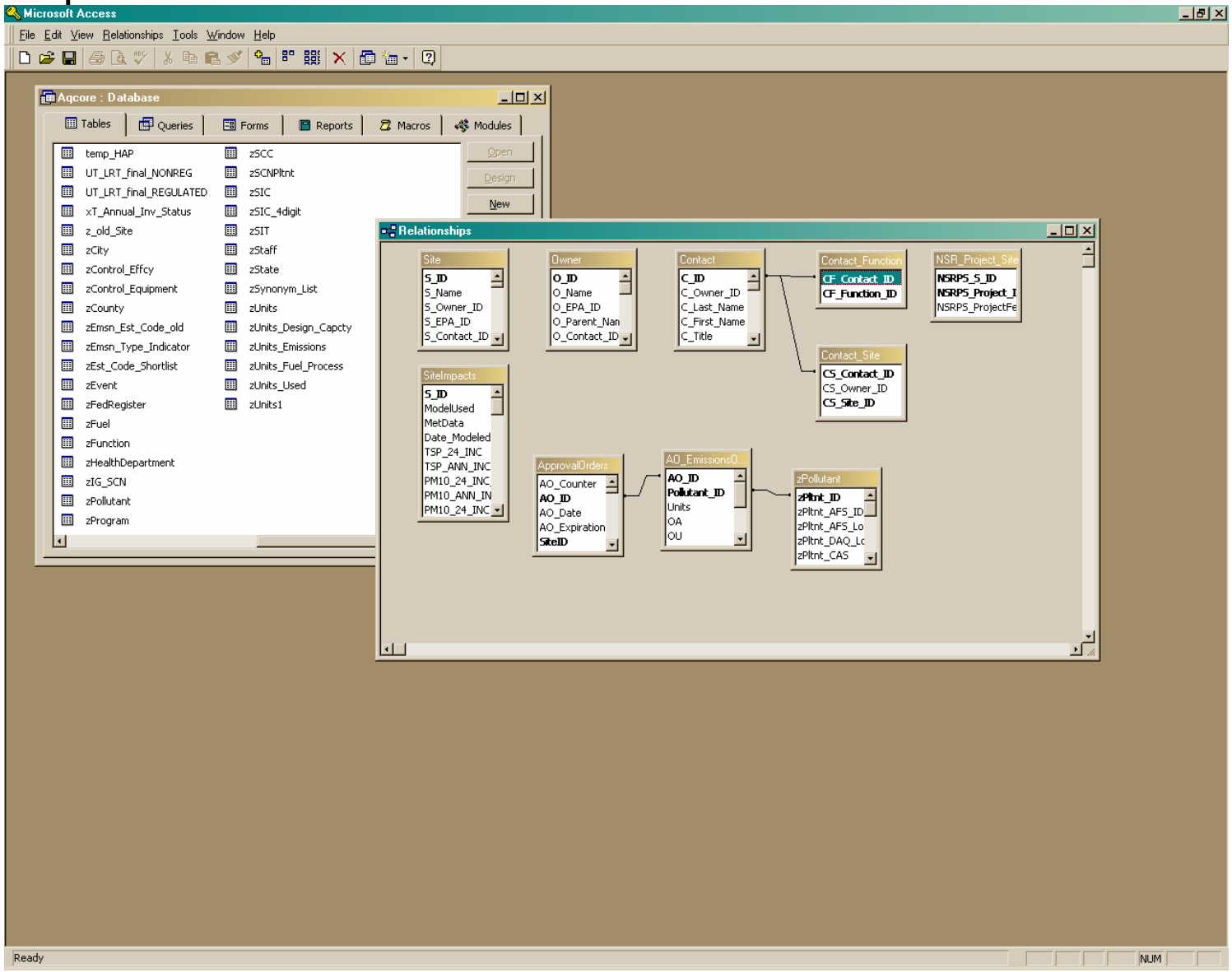
Other Technologies:

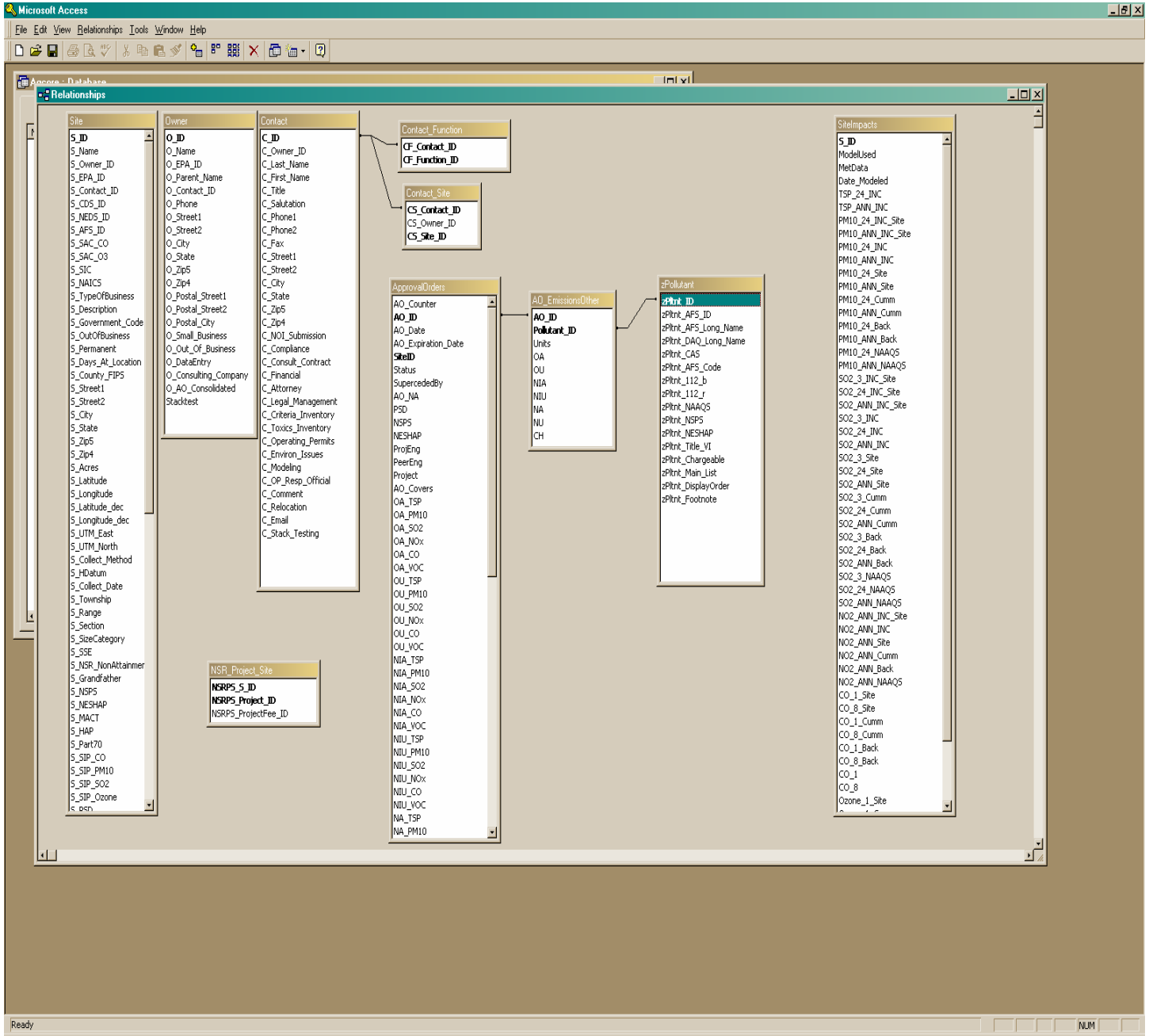
As Approved by EIMI Committees
As Approved by IT Director

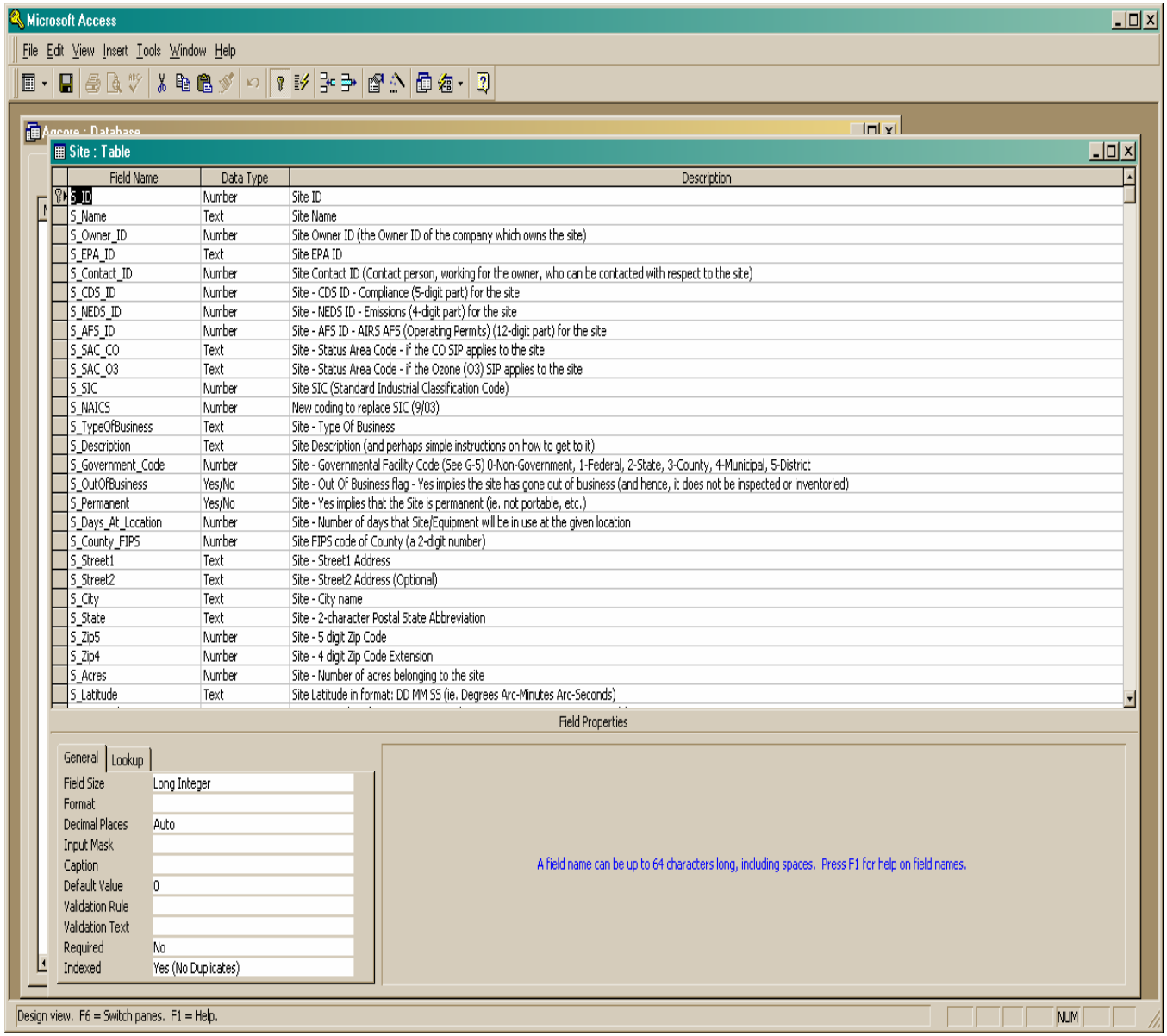
1/12/2005

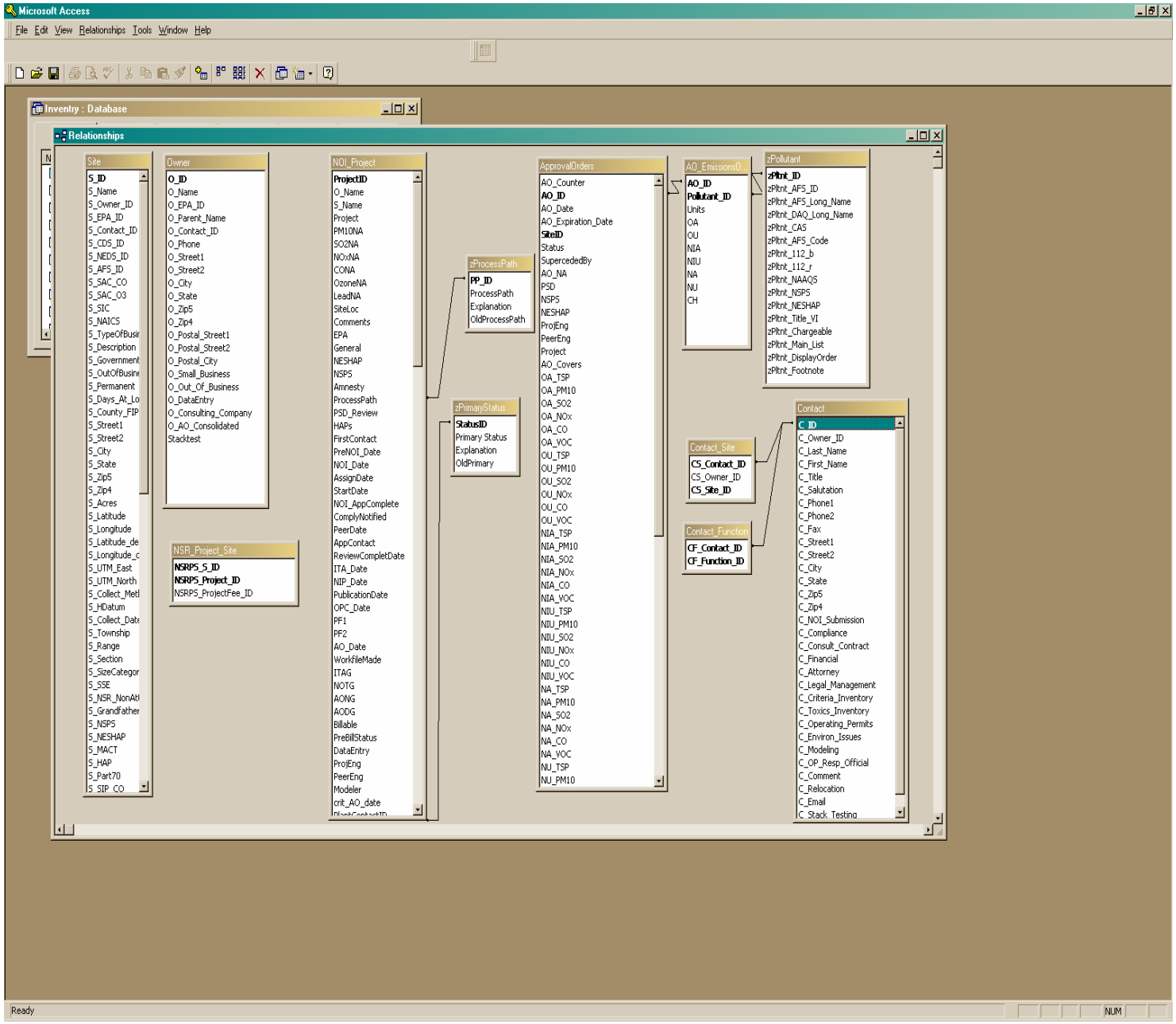
Pre-bid Handout 1

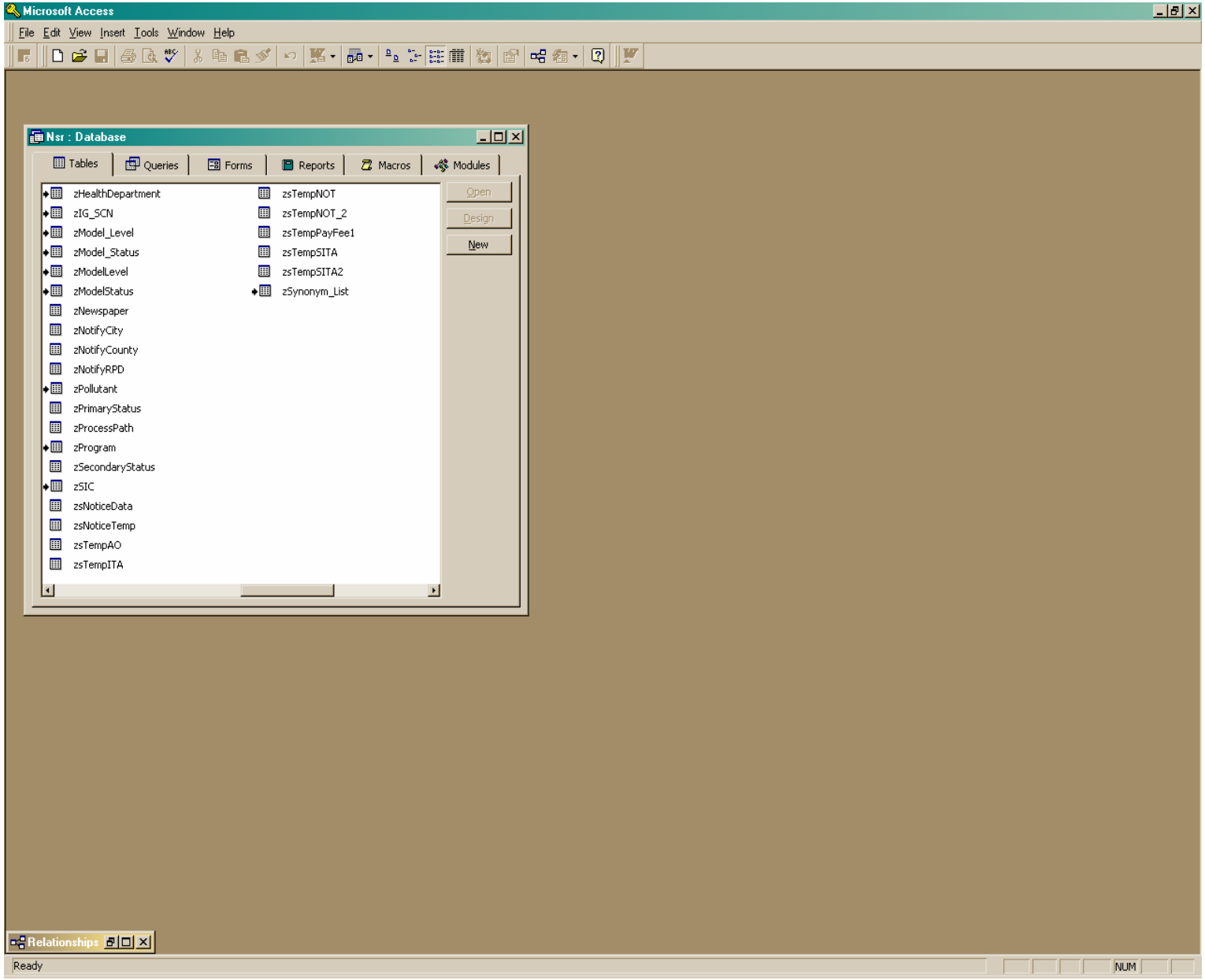
Sample of entities:

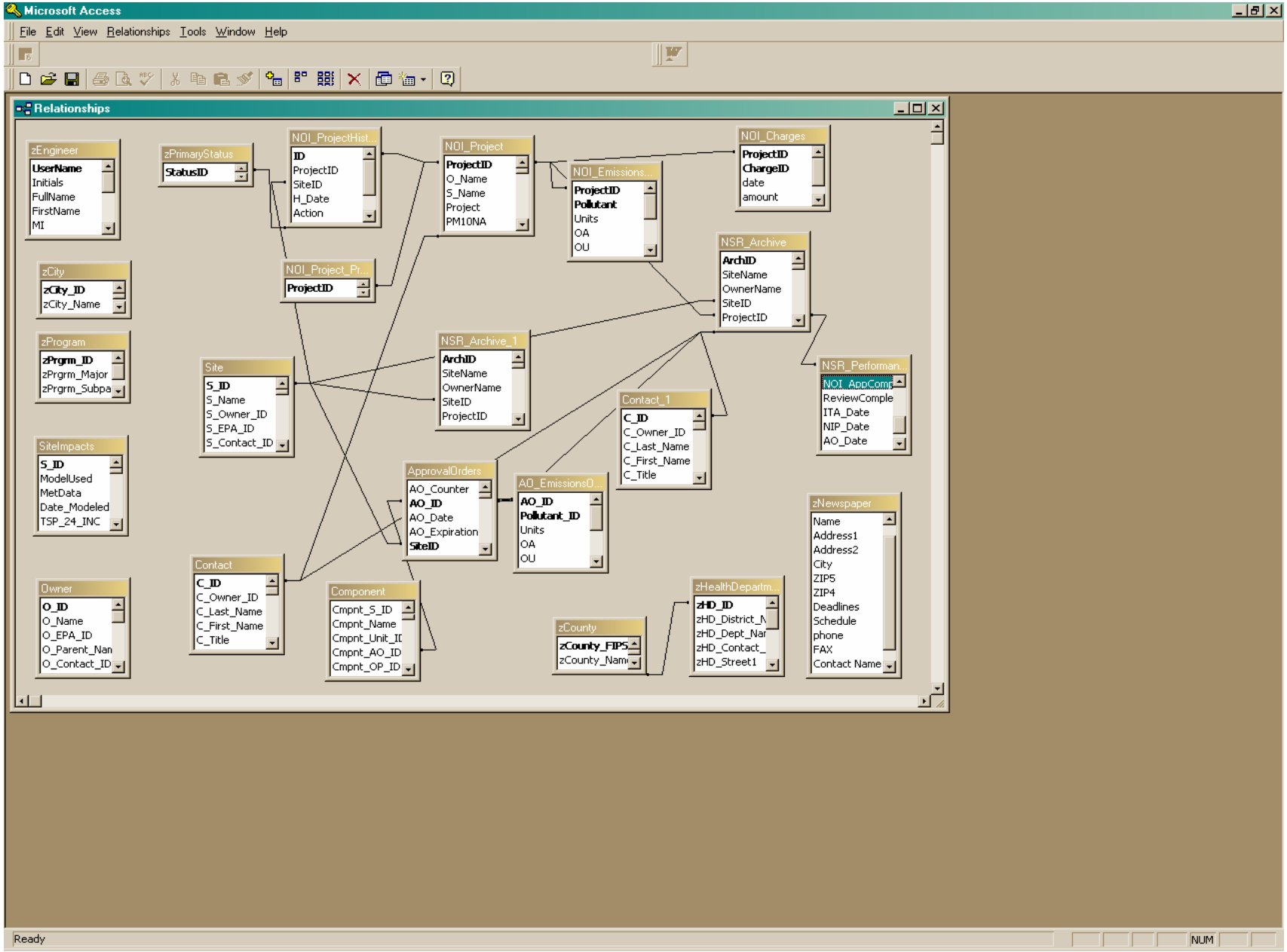


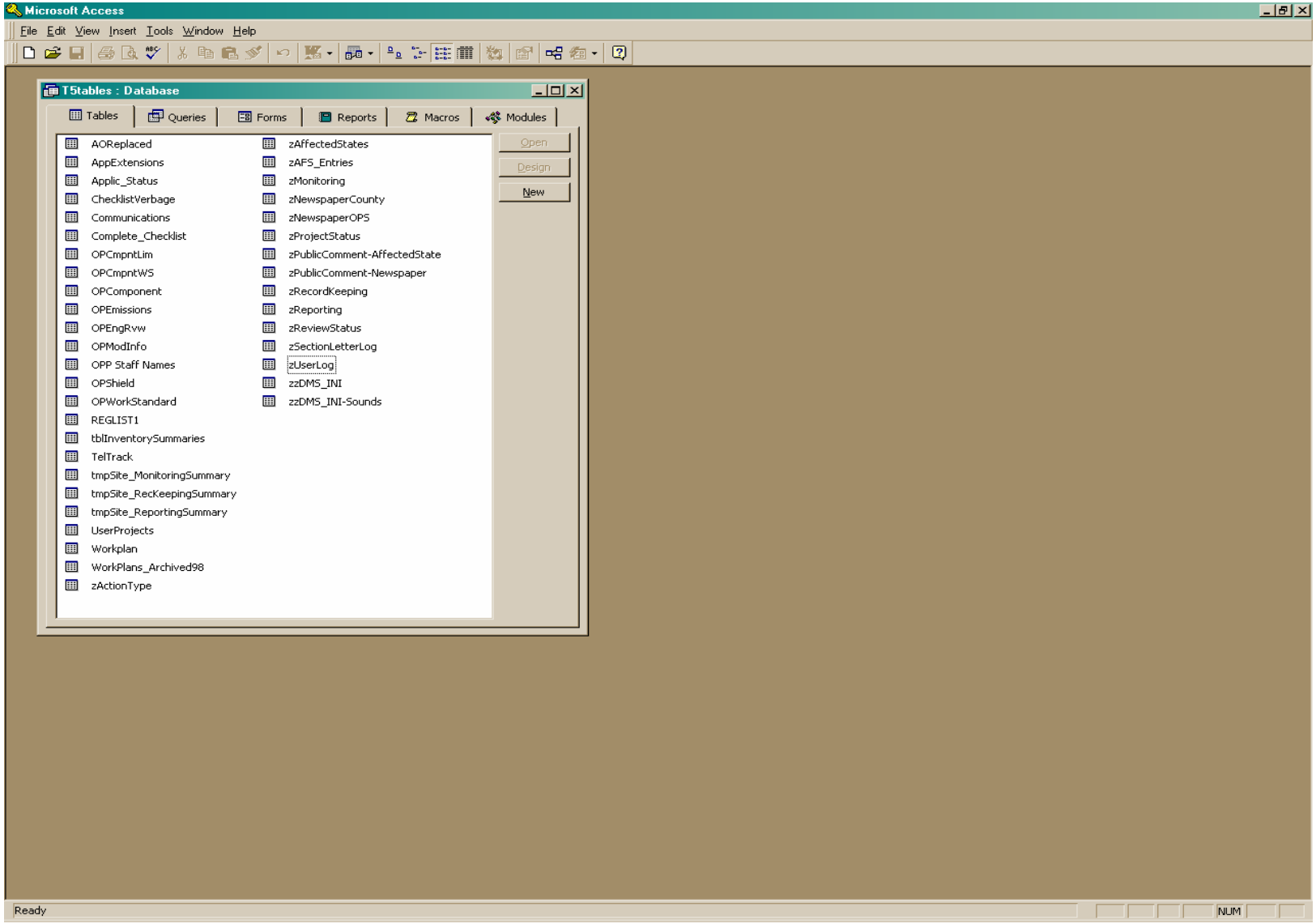

Microsoft Access
File Edit View Relationships Tools Window Help
Relationships
Site
S_ID
S_Name
S_Owner_ID
S_EPA_ID
S_Contact_ID
S_CDS_ID
S_NEDS_ID
S_AFS_ID
S_SAC_CO
S_SAC_O3
S_SIC
S_NAICS
S_TypeOfBusiness
S_Description
S_Government_Code
S_OutOfBusiness
S_Permanent
S_Days_At_Location
S_County_FIPS
S_Street1
S_Street2
S_City
S_State
S_Zip5
S_Zip4
S_Acres
S_Latitude
S_Longitude
S_Latitude_dec
S_Longitude_dec
S_UTM_East
S_UTM_North
S_Collect_Method
S_HDatum
S_Collect_Date
S_Township
S_Range
S_Section
S_SizeCategory
S_SSE
S_NSR_NonAttainmer
S_Grandfather
S_NSPS
S_NESHAP
S_MACT
S_HAP
S_Part70
S_SIP_CO
S_SIP_PM10
S_SIP_SO2
S_SIP_Ozone
Owner
O_ID
O_Name
O_EPA_ID
O_Parent_Name
O_Contact_ID
O_Phone
O_Street1
O_Street2
O_City
O_State
O_Zip5
O_Zip4
O_Postal_Street1
O_Postal_Street2
O_Postal_City
O_Small_Business
O_Out_Of_Business
O_DataEntry
O_Consulting_Company
O_AO_Consolidated
Stacktest
Contact
C_ID
C_Owner_ID
C_Last_Name
C_First_Name
C_Title
C_Salutation
C_Phone1
C_Phone2
C_Fax
C_Street1
C_Street2
C_City
C_State
C_Zip5
C_Zip4
C_NOI_Submission
C_Compliance
C_Consult_Contract
C_Financial
C_Attorney
C_Legal_Management
C_Criteria_Inventory
C_Toxics_Inventory
C_Operating_Permits
C_Environ_Issues
C_Modeling
C_OP_Resp_Official
C_Comment
C_Relocation
C_Email
C_Stack_Testing
Contact_Function
CF_Contact_ID
CF_Function_ID
Contact_Site
CS_Contact_ID
CS_Owner_ID
CS_Site_ID
ApprovalOrders
AO_Counter
AO_ID
AO_Date
AO_Expiration_Date
SiteID
Status
SupercededBy
AO_NA
PSD
NSPS
NESHAP
ProjEng
PeerEng
Project
AO_Covers
OA_TSP
OA_PM10
OA_SO2
OA_NOx
OA_CO
OA_VOC
OU_TSP
OU_PM10
OU_SO2
OU_NOx
OU_CO
OU_VOC
NIA_TSP
NIA_PM10
NIA_SO2
NIA_NOx
NIA_CO
NIA_VOC
NIU_TSP
NIU_PM10
NIU_SO2
NIU_NOx
NIU_CO
NIU_VOC
NA_TSP
NA_PM10
AO_EmissionsOther
AO_ID
Pollutant_ID
Units
OA
OU
NIA
NIU
NA
NU
CH
zPollutant
zPltnt_ID
zPltnt_AFS_ID
zPltnt_AFS_Long_Name
zPltnt_DAQ_Long_Name
zPltnt_CAS
zPltnt_AFS_Code
zPltnt_112_b
zPltnt_112_r
zPltnt_NAAQS
zPltnt_NSPS
zPltnt_NESHAP
zPltnt_Title_VI
zPltnt_Chargeable
zPltnt_Main_List
zPltnt_DisplayOrder
zPltnt_Footnote
NSR_Project_Site
NSRPS_S_ID
NSRPS_Project_ID
NSRPS_ProjectFee_ID
SiteImpacts
S_ID
ModelUsed
MetData
Date_Modeled
TSP_24_INC
TSP_ANN_INC
PM10_24_INC_Site
PM10_ANN_INC_Site
PM10_24_INC
PM10_ANN_INC
PM10_24_Site
PM10_ANN_Site
PM10_24_Cumm
PM10_ANN_Cumm
PM10_24_Back
PM10_ANN_Back
PM10_24_NAAQS
PM10_ANN_NAAQS
SO2_3_INC_Site
SO2_24_INC_Site
SO2_ANN_INC_Site
SO2_3_INC
SO2_24_INC
SO2_ANN_INC
SO2_3_Site
SO2_24_Site
SO2_ANN_Site
SO2_3_Cumm
SO2_24_Cumm
SO2_ANN_Cumm
SO2_3_Back
SO2_24_Back
SO2_ANN_Back
SO2_3_NAAQS
SO2_24_NAAQS
SO2_ANN_NAAQS
NO2_ANN_INC_Site
NO2_ANN_INC
NO2_ANN_Site
NO2_ANN_Cumm
NO2_ANN_Back
NO2_ANN_NAAQS
CO_1_Site
CO_8_Site
CO_1_Cumm
CO_8_Cumm
CO_1_Back
CO_8_Back
CO_1
CO_8
Ozone_1_Site
Ready
NUM


Microsoft Access
File Edit View Insert Tools Window Help
Site : Table
Field Name | Data Type | Description
S_ID | Number | Site ID
S_Name | Text | Site Name
S_Owner_ID | Number | Site Owner ID (the Owner ID of the company which owns the site)
S_EPA_ID | Text | Site EPA ID
S_Contact_ID | Number | Site Contact ID (Contact person, working for the owner, who can be contacted with respect to the site)
S_CDS_ID | Number | Site - CDS ID - Compliance (5-digit part) for the site
S_NEDS_ID | Number | Site - NEDS ID - Emissions (4-digit part) for the site
S_AFS_ID | Number | Site - AFS ID - AIRS AFS (Operating Permits) (12-digit part) for the site
S_SAC_CO | Text | Site - Status Area Code - if the CO SIP applies to the site
S_SAC_O3 | Text | Site - Status Area Code - if the Ozone (O3) SIP applies to the site
S_SIC | Number | Site SIC (Standard Industrial Classification Code)
S_NAICS | Number | New coding to replace SIC (9/03)
S_TypeOfBusiness | Text | Site - Type Of Business
S_Description | Text | Site Description (and perhaps simple instructions on how to get to it)
S_Government_Code | Number | Site - Governmental Facility Code (See G-5) 0-Non-Government, 1-Federal, 2-State, 3-County, 4-Municipal, 5-District
S_OutOfBusiness | Yes/No | Site - Out Of Business flag - Yes implies the site has gone out of business (and hence, it does not be inspected or inventoried)
S_Permanent | Yes/No | Site - Yes implies that the Site is permanent (ie. not portable, etc.)
S_Days_At_Location | Number | Site - Number of days that Site/Equipment will be in use at the given location
S_County_FIPS | Number | Site FIPS code of County (a 2-digit number)
S_Street1 | Text | Site - Street1 Address
S_Street2 | Text | Site - Street2 Address (Optional)
S_City | Text | Site - City name
S_State | Text | Site - 2-character Postal State Abbreviation
S_Zip5 | Number | Site - 5 digit Zip Code
S_Zip4 | Number | Site - 4 digit Zip Code Extension
S_Acres | Number | Site - Number of acres belonging to the site
S_Latitude | Text | Site Latitude in format: DD MM SS (ie. Degrees Arc-Minutes Arc-Seconds)
Field Properties
General Lookup
Field Size Long Integer
Format
Decimal Places Auto
Input Mask
Caption
Default Value 0
Validation Rule
Validation Text
Required No
Indexed Yes (No Duplicates)
A field name can be up to 64 characters long, including spaces. Press F1 for help on field names.
Design view. F6 = Switch panes. F1 = Help.
NUM

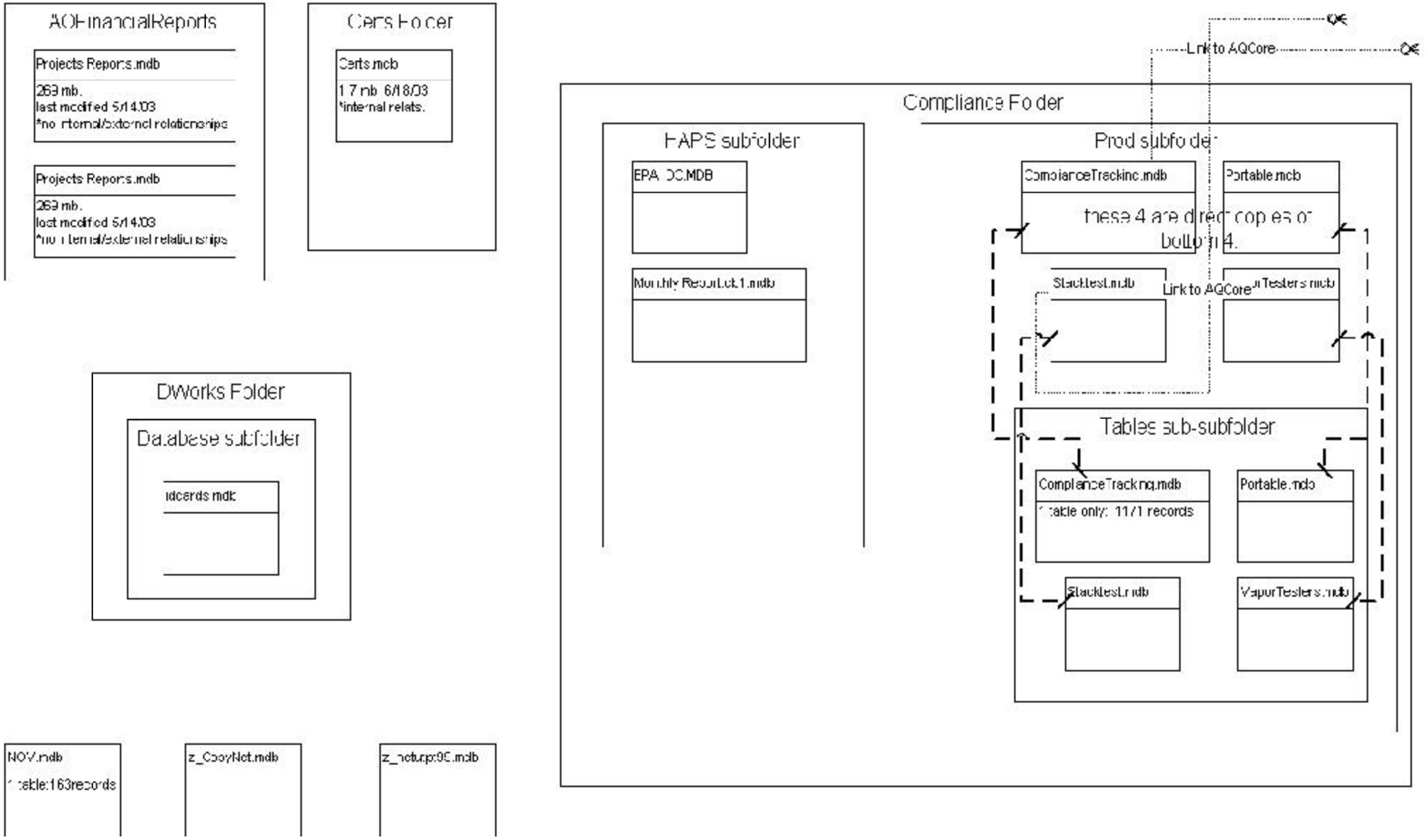

Microsoft Access
File Edit View Relationships Tools Window Help
Inventry : Database
Relationships
Site
S_ID
S_Name
S_Owner_ID
S_EPA_ID
S_Contact_ID
S_CDS_ID
S_NEDS_ID
S_AFS_ID
S_SAC_CO
S_SAC_O3
S_SIC
S_NAICS
S_TypeOfBusi
S_Description
S_Government
S_OutOfBusin
S_Permanent
S_Days_At_Lo
S_County_FIP
S_Street1
S_Street2
S_City
S_State
S_Zip5
S_Zip4
S_Acres
S_Latitude
S_Longitude
S_Latitude_de
S_Longitude_c
S_UTM_East
S_UTM_North
S_Collect_Meth
S_HDatum
S_Collect_Date
S_Township
S_Range
S_Section
S_SizeCategor
S_SSE
S_NSR_NonAtt
S_Grandfather
S_NSPS
S_NESHAP
S_MACT
S_HAP
S_Part70
S_SIP_CO
Owner
O_ID
O_Name
O_EPA_ID
O_Parent_Name
O_Contact_ID
O_Phone
O_Street1
O_Street2
O_City
O_State
O_Zip5
O_Zip4
O_Postal_Street1
O_Postal_Street2
O_Postal_City
O_Small_Business
O_Out_Of_Business
O_DataEntry
O_Consulting_Company
O_AO_Consolidated
Stacktest
NSR_Project_Site
NSRPS_S_ID
NSRPS_Project_ID
NSRPS_ProjectFee_ID
NOI_Project
ProjectID
O_Name
S_Name
Project
PM10NA
SO2NA
NOxNA
CONA
OzoneNA
LeadNA
SiteLoc
Comments
EPA
General
NESHAP
NSPS
Amnesty
ProcessPath
PSD_Review
HAPs
FirstContact
PreNOI_Date
NOI_Date
AssignDate
StartDate
NOI_AppComplete
ComplyNotified
PeerDate
AppContact
ReviewCompletDate
ITA_Date
NIP_Date
PublicationDate
OPC_Date
PF1
PF2
AO_Date
WorkfileMade
ITAG
NOTG
AONG
AODG
Billable
PreBillStatus
DataEntry
ProjEng
PeerEng
Modeler
crit_AO_date
zProcessPath
PP_ID
ProcessPath
Explanation
OldProcessPath
zPrimaryStatus
StatusID
Primary Status
Explanation
OldPrimary
ApprovalOrders
AO_Counter
AO_ID
AO_Date
AO_Expiration_Date
SiteID
Status
SupercededBy
AO_NA
PSD
NSPS
NESHAP
ProjEng
PeerEng
Project
AO_Covers
OA_TSP
OA_PM10
OA_SO2
OA_NOx
OA_CO
OA_VOC
OU_TSP
OU_PM10
OU_SO2
OU_NOx
OU_CO
OU_VOC
NIA_TSP
NIA_PM10
NIA_SO2
NIA_NOx
NIA_CO
NIA_VOC
NIU_TSP
NIU_PM10
NIU_SO2
NIU_NOx
NIU_CO
NIU_VOC
NA_TSP
NA_PM10
NA_SO2
NA_NOx
NA_CO
NA_VOC
NU_TSP
NU_PM10
AO_EmissionsD...
AO_ID
Pollutant_ID
Units
OA
OU
NIA
NIU
NA
NU
CH
zPollutant
zPltnt_ID
zPltnt_AFS_ID
zPltnt_AFS_Long_Name
zPltnt_DAQ_Long_Name
zPltnt_CAS
zPltnt_AFS_Code
zPltnt_112_b
zPltnt_112_r
zPltnt_NAAQS
zPltnt_NSPS
zPltnt_NESHAP
zPltnt_Title_VI
zPltnt_Chargeable
zPltnt_Main_List
zPltnt_DisplayOrder
zPltnt_Footnote
Contact_Site
CS_Contact_ID
CS_Owner_ID
CS_Site_ID
Contact_Function
CF_Contact_ID
CF_Function_ID
Contact
C_ID
C_Owner_ID
C_Last_Name
C_First_Name
C_Title
C_Salutation
C_Phone1
C_Phone2
C_Fax
C_Street1
C_Street2
C_City
C_State
C_Zip5
C_Zip4
C_NOI_Submission
C_Compliance
C_Consult_Contract
C_Financial
C_Attorney
C_Legal_Management
C_Criteria_Inventory
C_Toxics_Inventory
C_Operating_Permits
C_Environ_Issues
C_Modeling
C_OP_Resp_Official
C_Comment
C_Relocation
C_Email
C_Stack_Testing
Ready
NUM

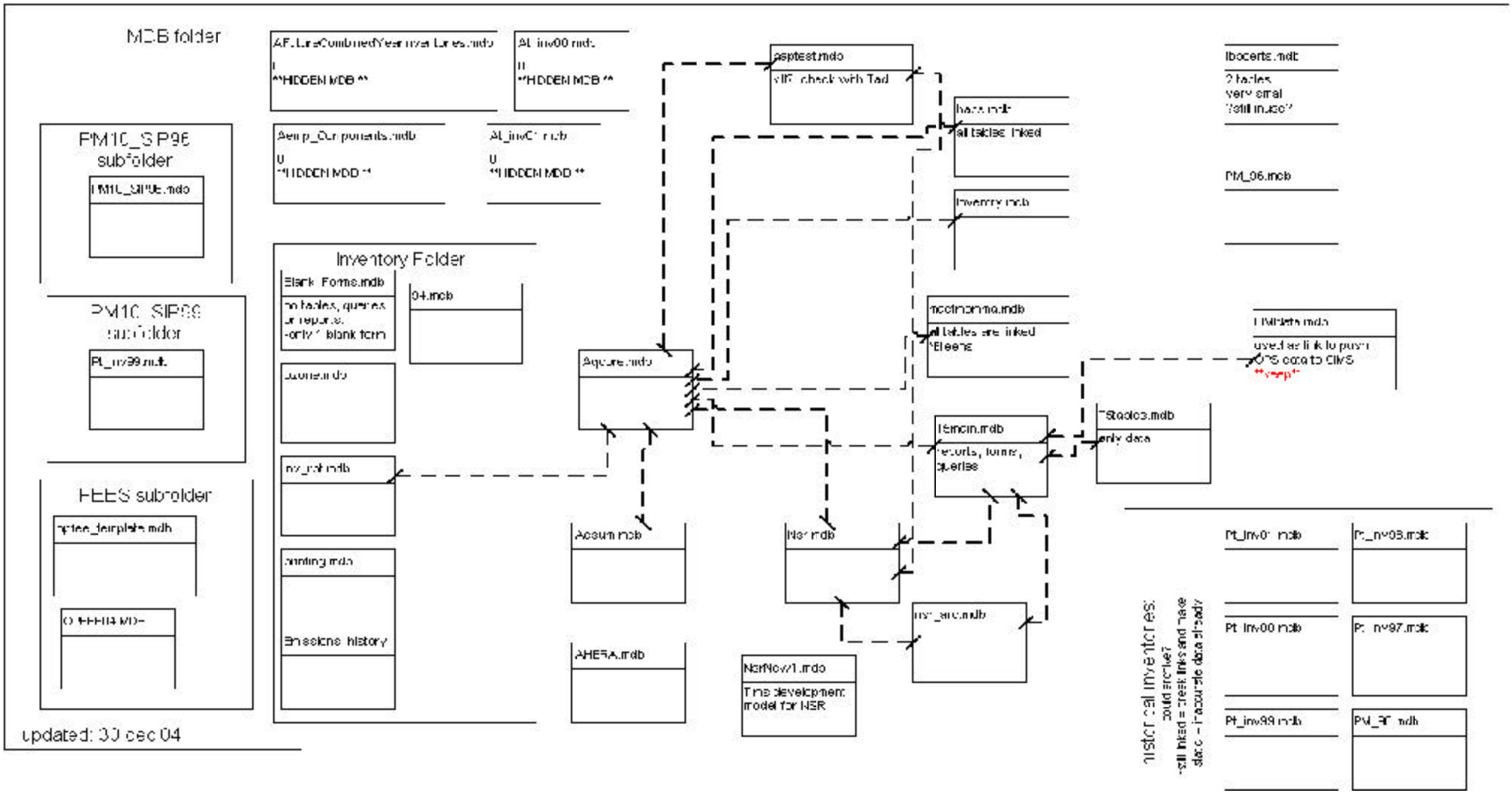

Microsoft Access
File Edit View Insert Tools Window Help
Nsr : Database
Tables
Queries
Forms
Reports
Macros
Modules
Open
Design
New
zHealthDepartment
zIG_SCN
zModel_Level
zModel_Status
zModelLevel
zModelStatus
zNewspaper
zNotifyCity
zNotifyCounty
zNotifyRPD
zPollutant
zPrimaryStatus
zProcessPath
zProgram
zSecondaryStatus
zSIC
zsNoticeData
zsNoticeTemp
zsTempAO
zsTempITA
zsTempNOT
zsTempNOT_2
zsTempPayFee1
zsTempSITA
zsTempSITA2
zSynonym_List
Relationships
Ready
NUM


Microsoft Access
File Edit View Relationships Tools Window Help
Relationships
zEngineer
UserName
Initials
FullName
FirstName
MI
zPrimaryStatus
StatusID
NOI_ProjectHist...
ID
ProjectID
SiteID
H_Date
Action
NOI_Project
ProjectID
O_Name
S_Name
Project
PM10NA
NOI_Emissions...
ProjectID
Pollutant
Units
OA
OU
NOI_Charges
ProjectID
ChargeID
date
amount
zCity
zCity_ID
zCity_Name
NOI_Project_Pr...
ProjectID
NSR_Archive
ArchID
SiteName
OwnerName
SiteID
ProjectID
zProgram
zPrgrm_ID
zPrgrm_Major
zPrgrm_Subpa
Site
S_ID
S_Name
S_Owner_ID
S_EPA_ID
S_Contact_ID
NSR_Archive_1
ArchID
SiteName
OwnerName
SiteID
ProjectID
NSR_Performan...
NOI_AppComp
ReviewComple
ITA_Date
NIP_Date
AO_Date
SiteImpacts
S_ID
ModelUsed
MetData
Date_Modeled
TSP_24_INC
Contact_1
C_ID
C_Owner_ID
C_Last_Name
C_First_Name
C_Title
ApprovalOrders
AO_Counter
AO_ID
AO_Date
AO_Expiration
SiteID
AO_EmissionsO...
AO_ID
Pollutant_ID
Units
OA
OU
zNewspaper
Name
Address1
Address2
City
ZIP5
ZIP4
Deadlines
Schedule
phone
FAX
Contact Name
Contact
C_ID
C_Owner_ID
C_Last_Name
C_First_Name
C_Title
Component
Cmpnt_S_ID
Cmpnt_Name
Cmpnt_Unit_ID
Cmpnt_AO_ID
Cmpnt_OP_ID
Owner
O_ID
O_Name
O_EPA_ID
O_Parent_Nan
O_Contact_ID
zCounty
zCounty_FIPS
zCounty_Nam
zHealthDepartm...
zHD_ID
zHD_District_N
zHD_Dept_Nar
zHD_Contact_
zHD_Street1
Ready
NUM



no internal relationships


AQFinancialReports
Projects Reports.mdb
269 mb.
last modified 5/14/03
*no internal/external relationships
Projects Reports.mdb
269 mb.
last modified 5/14/03
*no internal/external relationships
Certs Folder
Certs.mdb
1.7 mb 6/18/03
*internal relats.
DWorks Folder
Database subfolder
idcards.mdb
NOV.mdb
*table:163records
z_CopyNet.mdb
z_network96.mdb
Link to AQCore
Compliance Folder
HAPS subfolder
EPA_DC.MDB
Monthly Report.txt.1.mdb
Prod subfolder
ComplianceTracking.mdb
Portable.mdb
these 4 are direct copies of bottom 4.
StackTest.mdb
Link to AQCore
VaporTesters.mdb
Tables sub-subfolder
ComplianceTracking.mdb
*table only: 1171 records
Portable.mdb
StackTest.mdb
VaporTesters.mdb


MDB folder
PM10_SIP96 subfolder
PM10_SIP99 subfolder
FEES subfolder
Inventory Folder
Blank Forms.mdb
no tables, queries or reports.
-only 1 blank form
04.mdb
Aquire.mdb
Acsum.mdb
AHERA.mdb
NSR.mdb
NSRNov1.mdb
Time development model for NSR
asptest.mdb
all tables linked
Inventory.mdb
all tables are linked
Tsincin.mdb
reports, forms, queries
TStables.mdb
only data
Ibocerts.mdb
2 tables
very small
PM_06.mdb
Pt_inv00.mdb
Pt_inv99.mdb
updated: 30 dec 04